

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Masako IZUI, et al.

SERIAL NO: 10/019,284

GAU: 1646

FILED: January 2, 2002

EXAMINER:

FOR: DNA ENCODING SUCROSE PTS ENZYME II



INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

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COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

JUN 23 2003

SIR:

Applicant(s) wish to disclose the following information.

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REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the attached European Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Norman F. Oblon
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
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LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Masako IZUI, et al.FILING DATE
January 2, 2002GROUP
1646

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
-	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	1 108 790	06/20/2001	EUROPE		
	AP	WO 01/02583	01/11/2001	EUROPE		
	AQ					
	AR					
	AS					
	AT					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AU	K. J. LEENHOUTS, et al., Database EMBL 'Online !, Pediococcus Pentosaceus Raffinose Operon Genes, Database Accession no. L32093, pages 1-8, XP-002240257, "THE SUCROSE AND RAFFINOSE OPERONS OF PEDIOCOCCUS PENTOSACEUS PPE1. 0", May 3, 1994
	AV	E. WAGNER, et al., Database EMBL 'Online !, Membran Protein ; Sucrose Transport Protein, Database Accession, no. X69800, XP002240258, pages 1-4, "CLONING AND CHARACTERIZATION OF THE SCRA GENE ENCODING THE SUCROSE SPECIFIC ENZYME II OF THE PHOSPHOTRANSFERASE SYSTEM FROM STAPHYLOCOCCUS XYLOSUS", October 13, 1993
	AW	J.-K. LEE, et al., FEMS Microbiology Letters, vol. 119, no. 1-2, pages 137-145, XP-000960685, "NUCLEOTIDE SEQUENCE OF THE GENE ENCODING THE CORYNEBACTERIUM GLUTAMICUM MANNANOSE ENZYME II AND ANALYSES OF THE DEDUCED PROTEIN SEQUENCE", 1994
	AX	H. DOMINIQUEZ, et al., Applied and Environmental Microbiology, vol. 62, no. 10, pages 3878-3880, XP-000960659, "COMPLETE SUCROSE METABOLISM REQUIRES FRUCTOSE PHOSPHOTRANSFERASE ACTIVITY IN CORYNEBACTERIUM GLUTAMICUM TO ENSURE PHOSPHORYLATION OF LIBERATED FRUCTOSE", October 1996
	AY	Y. KAWAHARA, et al., Applied Microbiology and Biotechnology, vol. 34, no. 3, pages 340-343, XP-000571746, "EFFECT OF GLYCINE BETAINE ON THE SUCROSE CATABOLISM OF AN L-LYSINE PRODUCING MUTANT OF BREVIBACTERIUM LACTOFERMENTUM", December 1, 1990
	AZ	J. F. MARTIN, et al., Bio/Technology, vol. 5, pages 137-146, XP-002034056, "CLONING SYSTEMS IN AMINO ACID-PRODUCING CORYNEBACTERIA", February 1, 1987

☐ Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.